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NATIONAL ADVISORY COMMITTEE
FOR AERONAUTICS

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M.L. 269 (Monthly list of documents released by the NACA during August 1949)

Libraries in most of the important cities throughout the country, as well as libraries of schools, manufacturers, and other organizations dealing with aeronautics, are supplied copies of these publications for reference.

TECHNICAL NOTES

- TN 1910 Shear Buckling of Infinitely Long Simply Supported Metalite
Type Sandwich Plates.
By: Paul Seide.
- TN 1913 Method of Designing Airfoils with Prescribed Velocity
Distributions in Compressible Potential Flows.
By: George R. Costello.
- TN 1916 The Effects of Sideslip, Aspect Ratio, and Mach Number on
the Lift and Pitching Moment of Triangular, Trapezoidal,
and Related Plan Forms in Supersonic Flow.
By: Arthur L. Jones, Robert M. Sorenson, and
Elizabeth E. Lindler.
- TN 1919 Analytical Method for Determining Transmission and
Absorption of Time-Dependent Radiation through Thick
Absorbers. I - Radioactivity of Absorber, Time-Dependent.
By: G. Allen.
- TN 1920 Preliminary Investigation of Needle Bearings of $1\frac{1}{8}$ -Inch
Pitch Diameter at Speeds to 17,000 rpm.
By: E. Fred Macks.
- TN 1921 Approximate method for Predicting Form and Location of
Detached Shock Waves Ahead of Plane or Axially Symmetric
Bodies.
By: W. E. Moeckel.
- TN 1922 Two-Dimensional Investigation of Five Related NACA Airfoil
Sections Designed for Rotating-Wing Aircraft.
By: Raymond F. Schaefer, Laurence K. Loftin, Jr., and
Elmer A. Horton.

- TN 1923 Boundary-Layer and Stalling Characteristics of the
 NACA 64A006 Airfoil Section.
 By: George B. McCullough and Donald E. Gault.
- TN 1924 Estimation of the Damping in Roll of Wings through the
 Normal Flight Range of Lift Coefficient.
 By: Alex Goodman and Glenn H. Adair.
- TN 1925 Line-Vortex Theory for Calculation of Supersonic Downwash.
 By: Harold Mirels and Rudolph C. Haefeli.
- TN 1927 Generalization of Turbojet-Engine Performance in Terms of
 Pumping Characteristics.
 By: Newell D. Sanders and Michael Behun.
- TN 1928 Critical Combinations of Shear and Direct Axial Stress for
 Curved Rectangular Panels.
 By: Murry Schildcrout and Manuel Stein.
- TN 1929 On the Stability of the Free Laminar Boundary Layer between
 Parallel Streams.
 By: Martin Lessen.
- TN 1931 Design Method for Two-Dimensional Channels for Com-
 pressible Flow with Application to High-Solidity Cascades.
 By: Summer Alpert.
- TN 1932 Two-Dimensional Compressible Flow in Centrifugal Com-
 pressors with Straight Blades.
 By: John D. Stanitz and Gaylord O. Ellis.
- TN 1933 Investigation of Spoiler Ailerons for Use as Speed Brakes
 or Glide-Path Controls on Two NACA 65-Series Wings
 Equipped with Full-Span Slotted Flaps.
 By: Jack Fischel and James M. Watson.
- TN 1934 Low-Speed Experimental Investigation of a Thin, Faired,
 Double-Wedge Airfoil Section with Nose and Trailing-
 Edge Flaps.
 By: Leonard M. Rose and John M. Altman.
- TN 1935 Methods for Determining Frequency Response of Engines
 and Control Systems from Transient Data.
 By: Melvin E. LaVerne and Aaron S. Boksenbom.

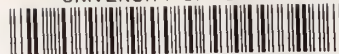
- TN 1936 A Flight Determination of the Tolerable Range of Effective Dihedral on a Conventional Fighter Airplane.
By: Charles J. Liddell, Jr., Rudolph D. Van Dyke, Jr.,
and Donovan R. Heinle.
- TN 1937 A Flight Investigation of the Effects of Compressibility on Applied Gust Loads.
By: E. T. Binckley and Jack Funk.
- TN 1940 Fundamental Effects of Aging on Creep Properties of Solution-Treated Low-Carbon N-155 Alloy.
By: D. N. Frey, J. W. Freeman, and A. E. White.

REPORTS

- Rept. 865 Method for Calculating Wing Characteristics by Lifting-Line Theory Using Nonlinear Section Lift Data.
By: James C. Sivells and Robert H. Neely.
Formerly Issued as TN 1269.
- Rept. 870 Tank Investigation of a Powered Dynamic Model of a Large Long-Range Flying Boat.
By: John B. Parkinson, Roland E. Olson, and
Marvin I. Haar.
Formerly Issued as TN 1237.
- Rept. 878 Analysis of Performance of Jet Engine from Characteristics of Components. I.- Aerodynamic and Matching Characteristics of Turbine Component Determined with Cold Air.
By: Arthur W. Goldstein.
Formerly Issued as TN 1459.
- Rept. 884 Effects of Sweep-Back on Boundary Layer and Separation.
By: Robert T. Jones.
Formerly Issued as TN 1402.

TECHNICAL MEMORANDUMS

- TM 1221 Experimental Flights for Testing of a Reactor as an Expedient for the Termination of Dangerous Spins.
By: P. Höhler and I. v. Köppen.



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TECHNICAL MEMORANDUMS

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- TM 1226 On the Installation of Jet Engine Nacelles on a Wing -
Fourth Partial Report: Pressure-Distribution Measure-
ments on a Sweptback Wing with Jet Engine Nacelle.
By: R. Buschner.
- TM 1227 Moments of Cambered Round Bodies.
By: Günther Kempf.
- TM 1253 Flow Measurement by Means of Light Interference.
By: Th. Zobel.